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79. A device as in claim 76 which includes a feedback circuit, coupled between the source and the control circuits, and wherein the control circuits respond to a feedback signal received from the feedback circuit and alter a selected parameter of a drive signal applied to the source.

80. A device as in claim 76 wherein the control circuits include circuitry, responsive to an applied voltage, for altering a charging parameter of a current applied to the source.

81. A device as in claim 80 which includes full wave rectification detection circuitry coupled to the control circuits and to the input terminals.

82. A device as in claim 80 which includes circuitry for sensing a selected visual output parameter, coupled to the control circuits, and wherein the control circuits respond to a selected visual output parameter and an applied voltage value and adjust an energizing parameter of the source in accordance therewith.

83. A visual output device comprising:
a dischargeable source of illumination;
an input port coupled to a programmed processor wherein the processor is coupled to the source and responds to input voltages, received at the discharge the source to produce a predetermined degree of illumination, wherein the input voltages are one of a range of 8 to 17 volts, a range of 16 to 33 volts and a range of greater than 6 and less than 35 volts.

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Respectfully submitted,

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